

Luis Fernando Villa Wences / Mechanical Engineer
173 McClure Ave.
Firestone Co. 80520-7231
E-Mail: luis_f_villa@yahoo.com.mx
Cell: (615) 684 5623

SUMMARY OF EXPERIENCE

Global experienced **Quality Manager/ Engineer** that established quality systems at multiple International locations (U.S., Mexico, Japan, China.) and solves complex internal and customer related problems delivering superior performance. Possesses practical knowledge in quality systems, product and supplier development. Strong APQP, statistical and analytical skills to launch new products and product lines. "Hands-on" Quality Professional with diversified accomplishments in systems integration, management and manufacturing. **Core competencies include:**

Fifteen plus years of strong and diverse experience in the Twin plant /Maquila (U.S. -Mexico) Industry, Experienced in metal mechanics, plastic molding, electronics, wire harness and Automotive Industry. Strong background in Management, Quality / Customer Service, Labor Assessments, Experienced in:

- Quality Supplier's Evaluation (SQE) - Process Development - Customer Service -Lean Manufacturing
- Layouts -Quality systems / Management - Line Transfers - Capital Assessments - New Product Introduction
- Experience with FORD, CHRYSLER, GM, TOYOTA, HONDA and TESLA
- Excellent in oral and written communications skills, fluent in English and Spanish.
- Experienced in ISO TS (IATF) 16949 system and Value Stream Mapping
- Green Belt certified 8D's, DoE, 5'S, PFMEA, Ppap's, SMED, and APQP, Team builder

FUNCTIONAL EXPERIENCE

MANAGEMENT FUNCTIONS AND ACHIEVEMENTS

- Completed successful implementation of IATF16949 Quality Systems at multiple sites within the various organizations consistently meeting performance goals with 0 nonconformance and < 5 minor findings.
- Met goals in Scrap, Efficiency, and Rework metrics of performance for the organizations and in Management Review thru continuous improvement with an average of \$10,000 per year savings.
- Directed quality & staff for tier 1, 2 &3 automotive facilities, management representative responsible and accomplishing for securing TS16949.
- Exceptional Customer Ratings, Big 6 Automotive ppm < 5.

CONTINUOUS IMPROVEMENT

- Facilitate and lead cross-functional projects in Sigma/Lean to achieve key management improvement projects.
- Establish continuous improvement projects throughout the organization, present to senior management, track initiatives against financial goals.
- Strong systems, analytical problem solving and statistical background.
- Promotes organizational change initiatives at various levels in the organization.

QUALITY MANAGEMENT

- APQP system for New Product Launch
- Problem Solving with direct customer interface (Containment – Lessons Learned)
- Global responsibility for the quality systems across the division.
- Strong facilitation and presentation skills at all levels in the organization.
- Experienced as Supplier Development and Systems Engineer (domestic and international)

SYSTEMS

- Created multi-level policies, procedures, forms and templates to meet all TS16949/ISO requirements.
- Created internal website communication between plants, databases and template applications to support procedures and lean office methodologies.
- CI projects, mandates, milestones, reports and track performance. Worked with Finance to establish performance monitoring.

PROFESSIONAL EXPERIENCE

March 2018 - September 2019
Golden Aluminum Fort Lupton
Colorado

Quality Manager / Quality Engineer

- Assigned as a Quality Manager / Engineer, continuous Improvements Quality System.
- Reviewed Golden Aluminum Quality Systems to ISO Standards developing IATF 16949.
- Developed Key process indicators eliminating Customer concerns from average 5 to 1 per Month
- Reduced Scrap from 15% waste to 7% (Cost estimate at \$30,000.00 per year)

2015 - 2018

Federal Mogul Braking Division,
Smithville Tennessee

Quality Manager Engineer / Quality Engineer

- Management of Quality performance Laboratory for Tier 1 Automotive Supplier.
- Developed Quality Program for America's operations inter plants.
- Improved Productivity and Quality Metric KPI, for Ford, GM, Chrysler, Toyota, Honda, Nissan and Mazda performance <5 ppm`s
- Exceptional Automatic customer performance findings (Down to <5 ppm).
- Implemented a new customer concern procedure and systems, CAPA actions by less than 24 Hour response
- Successfully developed a new product line complying with Quality, dates and Design revisions with an average of 98% milestone time-Development compliance.

2012 - 2015

Contec/ Sumitomo Electric Wiring El
Paso TX. / Juarez Mexico

Q.A. Engineer

- Developed a Quick response CAPA (less than 24 hrs.)
- NPI Launch team, PPAP Coordinator successfully meeting milestones by 100%
- Achieved Productivity goals with suppliers with average 98% success
- Implemented Quality Standards for NPI wire harness eliminating rework by 50 %
- Implemented Launch/APQP which included PPAP, Process Flow, PFMEA, Control Plans and SPC.
- Met customer expectations by <10 Ppm`s and maintained systems in a lean resource environment.

- Received Nissan's Master Quality and Zero Defects awards.
- Achieved certified supplier status with exceptional customer ratings.

2002 - 2012

Delphi Packard Technical Center El
Paso Texas / Juarez Mexico
Program Manager

- BEC (Bussed Electrical Centers) Project Manager Engineer
- Successfully developed New Product Introduction system (SMT & Plastic Molding).
- Implemented advanced statistical methods to improve process capability, reduce variation and optimize inspections.
- Reduced 15% rework reduction per year.
- Performed Design of Experiments (DOE) establishing improvements on quality, Lean manufacture and Delivery Shainin Green Belt through Delphi corporate Systems.

1993 - 2002

Small Parts de México
Process / Quality Engineer

- Assigned to offering, handling and developing complete projects in the Plastic Molding and Metal Mechanics Industry,
- Developed customer account process from its Inception (Quoting) to line release (Warrant signature)
- Designated as part of Advance Quality Team (APQP).
- Liaison /Quality / Resident Engineer / Field Engineer achieving new contracts and customers
- Achieve Production process improvements / Managing quality parameters and Cost Reductions
- Develop documented procedures of new tools, equipment and quality control (ISO certification).
- SPC coordinating for new line product implementation, pilot runs.

1987 - 1992

IMPECSA S.A. de C.V. Complejo
Industrial Vallejo (México D.F.)
Engineering Supervisor

- Assigned to management of Process Engineering Department (Metal Mechanics and Plastic Molding)
- Implemented ISO 9000 (Nom - CC- series)
- Used trouble shooting teams to solve problems in the manufacturing of metal mechanics

- Process for vendor evaluation and development, APQP teams, FMEA and PPAP
- Applied strong diagnostics and manufacturing, specifics:
 - o Implementation of Work Cells changing from W.O. manufacturing to MRB/JIT
- o Inventory and cycle time reduction implementing lean techniques and layout changes
- o T.Q.C. training on all levels and S.P.C.

EDUCATION/AFFILIATIONS

College: Degree in Industrial Engineering UACJ Instituto de Ingeniería y Arquitectura
 Graduate: Masters in Design engineering Universidad Autonoma de Chihuahua
 High School: Heroico Colegio Militar de México Patente de Subtte. Caballería
 Junior High: Escuela Secundaria Federal No.1
 Elementary: Escuela Primaria Federal Abraham González

COMPUTER SKILLS

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|---|-----------|------------|
| • Microsoft Suite (Expert Excel & Access) | • Minitab | • Auto Cad |
| • Visual Basic | • Adobe | • SQC Pro |
| | • Dbase | |

ADDITIONAL TRAINING

- IATF16949 Lead Auditor Training
- GM Quality System Basics QSB
- Ford G8D Problem Solving Techniques
- Team Training
- Toyota A3 Training
- Sigma/Lean Green Belt Training
- Chrysler Advanced PFMEA Training
- Layered Process Audits (LPA)
- Shainin (Statistical Engineering)
- Taguchi Methods - DOE
- Ford G8D
- NOM-CC & ISO-9000 Audit
- Nivelación Pedagógica Magisterial
- General Education Development University Texas El Paso
- Test of English Foreign Language University Texas El Paso
- Scholastic Aptitude Testing University Texas El Paso
- General Motors Design Standards Excelencia en la satisfacción de cliente IMPECSA /UAVM
- Statistical Process Control IMPECSA /UAVM
- C.E.D.A.C. (Fishbone Tech.) IMPECSA /UAVM .O.P.S. (8D's)FORDDesign of Experiments FORD
- Diseño por computadora (Autocad)
- Core Tools (Ppap, APQP, FMEA, TQC)
- Thermal Plastic Forming (Injection Molding) Delphi
- Six Sigma
- Red X Solving Methods Delphi
- Screen Printing (DEK/MPM)
- Lean Manufacturing
- Lean Flow Value Stream Mapping
- Value stream Mapping
- SMT Maintenance & Programming